



*Arizonans for  
Community Choice*

**What is Community Choice Energy?**







# How does Community Choice Energy (CCE) work?



## ELECTRICITY

CCE buys green energy on behalf of city or county

Cities & Counties buy energy based on local climate action goals

## DELIVERY

Investor-owned utility delivers energy and maintains the grid

Utilities compensated with an exit fee

## CUSTOMER

Gets local choice, greener energy, competitive rates

Opt-out model for customers

# 4 Pillars of CCE Benefits

## 1. Lower rates



## 2. Local energy choice



## 3. Community energy programs



## 4. Increased renewables



# Benefits of CCE



## Affordable Electric Bills

- ▶ On average, CCE customers pay 2% to 25% less for electricity

## Economic Development

- ▶ CCEs reinvest savings back into their communities to fund local energy programs
- ▶ New generation of renewable energy creates jobs, stimulates innovation, and adds to state and local taxes



## Energy Choice with Consumer Protections

- ▶ CCE customers select their electricity plan, based on how much renewable energy they want in their mix
- ▶ CCEs nationwide have proven that when municipalities aggregate the load of local customers and buy energy in bulk, lower prices, more renewable energy, and the same reliable delivery of electricity are the results
- ▶ OR customers can choose to opt-out and stay with their utilities

# Examples of CCE-Funded Community Programs

Resilience: Microgrids, Local Solar + Storage

EV Charging Stations

Community/Outreach/Innovation Grants

Private Land Solar Partnerships

Municipal Electric Vehicle Fleets

Home and Business Electrification

Energy Efficiency Programs

Net Metering

Municipal Solar Programs

Demand Response

# APS Compared to CCE Generation - with APS Delivery

Sources: Data Analyst Russel Lowes

## Household Savings For CCE over APS

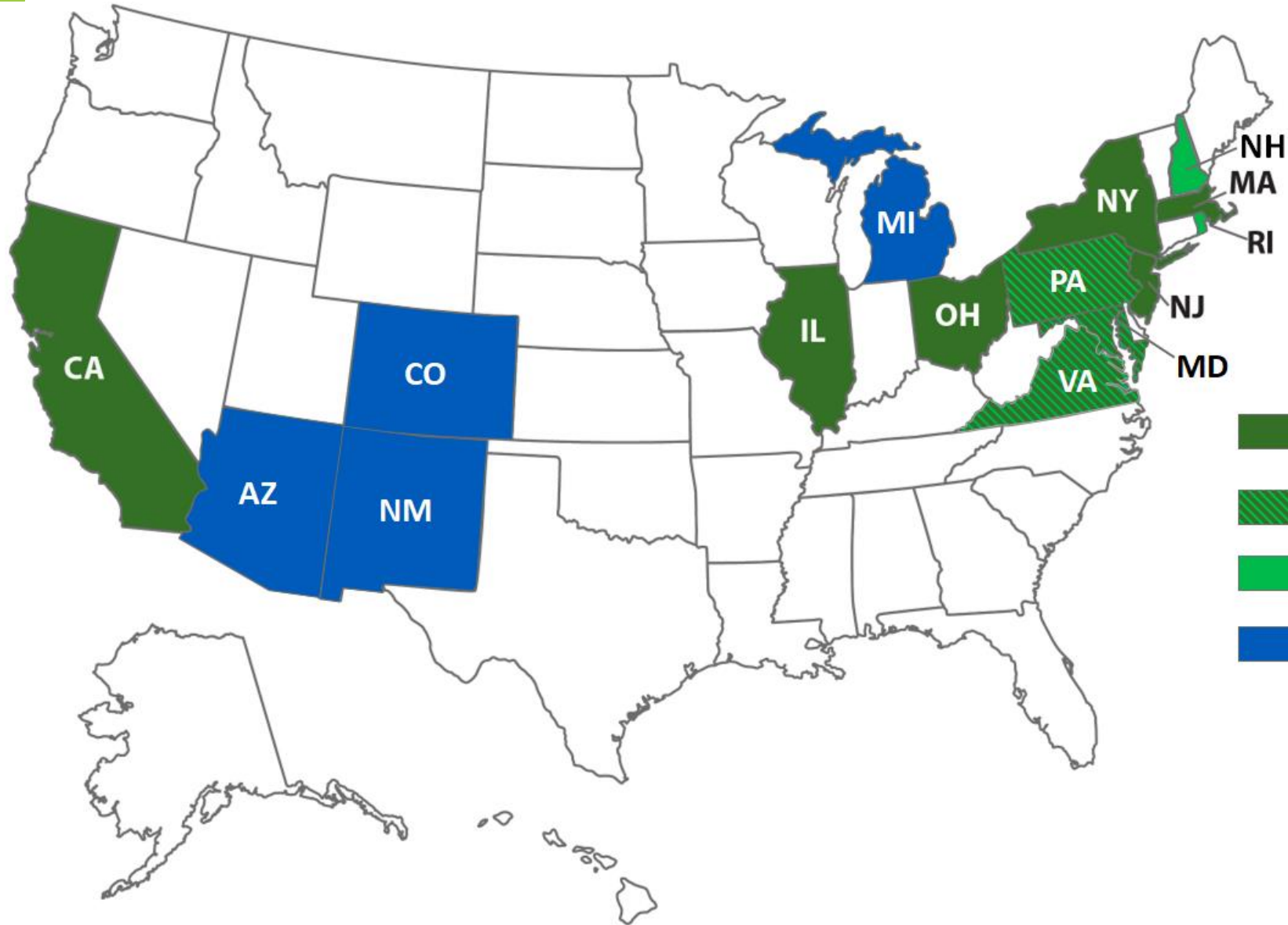






### Analysis:

Typical APS house,  
750 kWh a month

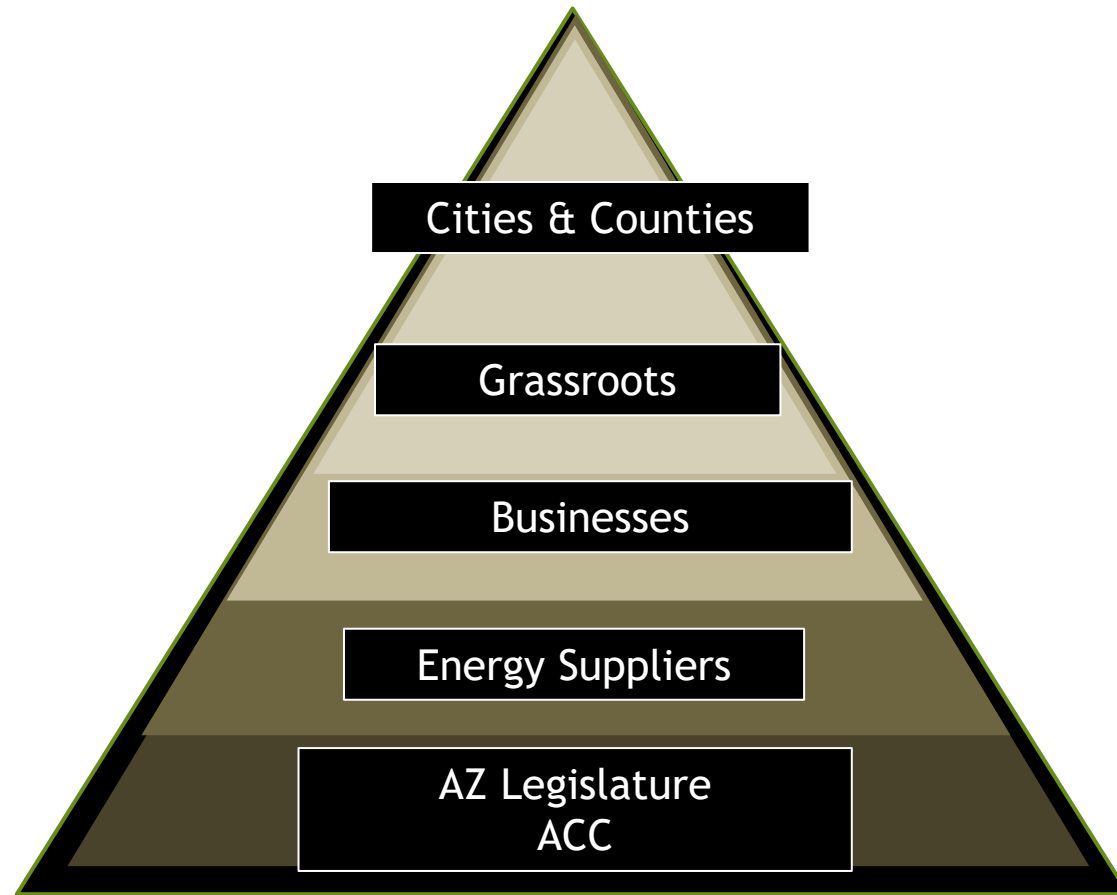
	DOLLARS	CARBON	WATER
APS Costs (15% renewable)	<b>\$140.61</b> per month	<b>1260</b> <u>lbs</u> of CO2 per month	<b>359</b> gallons per month
CCE Costs (80% renewable)	<b>\$115.75</b> per month	<b>277</b> <u>lbs</u> of CO2 per month	<b>83</b> gallons per month
<u>Monthly Savings</u> Annual Savings	<b>\$24.86</b> 17.7% / <b>\$298.27</b>	<b>983</b> <u>lbs</u> / 78% / <b>5.9</b> Tons of CO2	<b>276</b> / 77% / <b>3,315</b> gallons
If 1 million APS residences were served by CCE...	<b>\$298 million</b> in annual savings	<b>6.0 million</b> Tons of CO2 in annual savings	<b>3.3 billion</b> gallons in annual savings

# Where CCE exists



-  CCA-enabled with active programs
-  CCA-enabled with no active programs
-  CCA-enabled with 2023 launch
-  Exploring CCA-enabling legislation

# AZ4CC's Power Pyramid



**Building a CCE Coalition  
to Create State Policy**



# CCE Progress in AZ

## Cities Interested in CCE

- Flagstaff
- Phoenix
- Prescott
- Scottsdale
- Sedona
- Tempe
- Tucson
- Pima County
- Coconino County?
- Yavapai County?

## Grassroots Support

Sierra Club, Citizens Climate Lobby, Greater Tucson Climate Coalition, Northern AZ Climate Change Alliance, Physicians for Social Responsibility, Third Act, etc.

## Businesses

- AZ Tech Council – seeking support
- ## Energy Suppliers
- Calpine – 3 grants, ongoing support and counsel
  - Green Mountain Energy (div. of NRG)

## State Legislature

- 2023 CCE feasibility study bills sponsored in House & Senate; didn't get heard in either NREW Committee
- Briefed 10 Republican legislators in 2023-2024 who support energy choice
- Debriefing with (R) Senator Farnsworth; bringing in Ohio CCE CEO


## National Renewable Energy Lab

- National CCE market report, including AZ4CC progress update
- C2C study of energy

# Get Plugged In with CCE!



- Get state Democratic legislators elected
- Get blue ACC candidates elected
- Get petitions signed in Flagstaff, Quad Cities



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